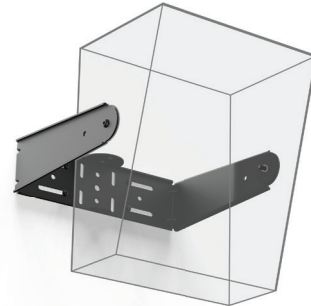
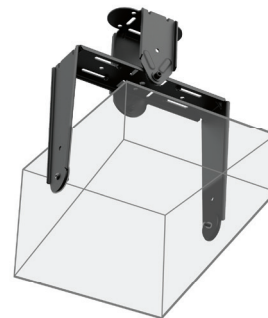


SLS CS1090 Cinema Surround Speaker System



Sidewall Mounting Kit



Multi-mount Accessory Kit
with 3-Axis Rotation

The SLS CS1090 is a two-way passive surround speaker intended for small to medium-sized auditoriums for either Dolby Atmos®, 5.1 or 7.1 applications. Flexible mounting options allow the CS1090 to function in both surround and overhead applications using the optional matching yoke and u-bracket, as well as 3rd party mounting solutions. A carefully chosen crossover and driver complement help deliver smooth response within the speaker's entire operating range. Sold and packaged in pairs.

KEY FEATURES

- Smooth response exhibited throughout its entire range
- High power compact enclosure
- Functions as both surround and overhead applications in Dolby Atmos, 5.1 or 7.1 auditoriums
- Flexible mounting options

APPLICATIONS

- Developed for use in small to medium, high-performance cinema applications where the highest quality and intelligibility of sound is required for either Atmos, 5.1 or 7.1 auditoriums

SLS CS1090 Cinema Surround Speaker System

SPECIFICATIONS*

Following are the CS1090 general specifications:*

• Operating Range	55Hz to 20kHz
• Sensitivity (1W@1M) ¹	94dB
• Horizontal Coverage	90degs
• Vertical Coverage	60degs
• Power Handling ³	300 W (45Vrms) AES/2-2012
• Max SPL (calculated) 1M	119dB SPL
• Nominal Impedance	8 Ohms
• Crossover Frequency	2.3kHz
• Transducers	LF 10" Woofer HF 1" Compression driver on a 90 degs x 60 degs waveguide
• Input	Barrier Strip
• Dimensions (ind. unit)	(H) 18.5" (47 cm) (W) 15.48" (39.3 cm) (D) TOP 11" (28 cm) (D) BOTTOM 6.2" (15.7 cm)
• Net Weight (ind. unit)	28 lbs. (12.7 kg)
• Shipping Dimensions	24" x 23.5" x 18" (60.96 x 59.69 x 45.72 cm)
• Shipping Weight	64 lbs. (29.03 kg) (Sold in pairs only)
• Enclosure	Baltic birch
• Rigging	Four attachment points on back for 3 rd party brackets, two attachment points on side for optional yoke
• Optional Accessories	<ul style="list-style-type: none"> • YK1090 Sidewall mounting kit (sold and packaged in pairs): This kit includes yokes for use in all auditoriums, shoulder eyebolts, and other hardware. (enables only tilt adjustments for side-wall installations) • MMA1090 Multi mount accessory kit w/3-axis rotation (sold and packaged in pairs): Requires use of the YK1090-2. This add-on kit to the YK-1090 kit enables three-axis adjustments for ceiling installations and two-axis adjustments for side-wall installations. It includes U-brackets, screws, and other hardware. (for Dolby Atmos installations) • FCT-24 Flat, metal tile bridge (sold and packaged in pairs) • RCT-24 Recessed, metal tile bridge (sold and packaged in pairs)

1. A sine wave sweep is applied to a voltage level measured at the loudspeaker terminals corresponding to 1W@1M as referenced to the loudspeaker's nominal impedance and the measuring distance. SPL is measured in an anechoic environment in the loudspeaker's far field with the exception of subwoofers, which are measured in half space. Sensitivity is determined by a Log/Log averaging method from 315 Hz to 16 kHz in the anechoic environment. Subwoofers use the same method with the half space measurement, but within their specified operating bandwidth.

2. Averaged from 500 Hz to 8 kHz.

3. AES established in accordance with AES/2-2012 standard calculated at minimum impedance

4. This documentation applies to Models: CID1012 (Speaker).

*Due to product improvement research, SLS Audio reserves the right to make changes to existing products without notice



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